

Data Encoding System Overview

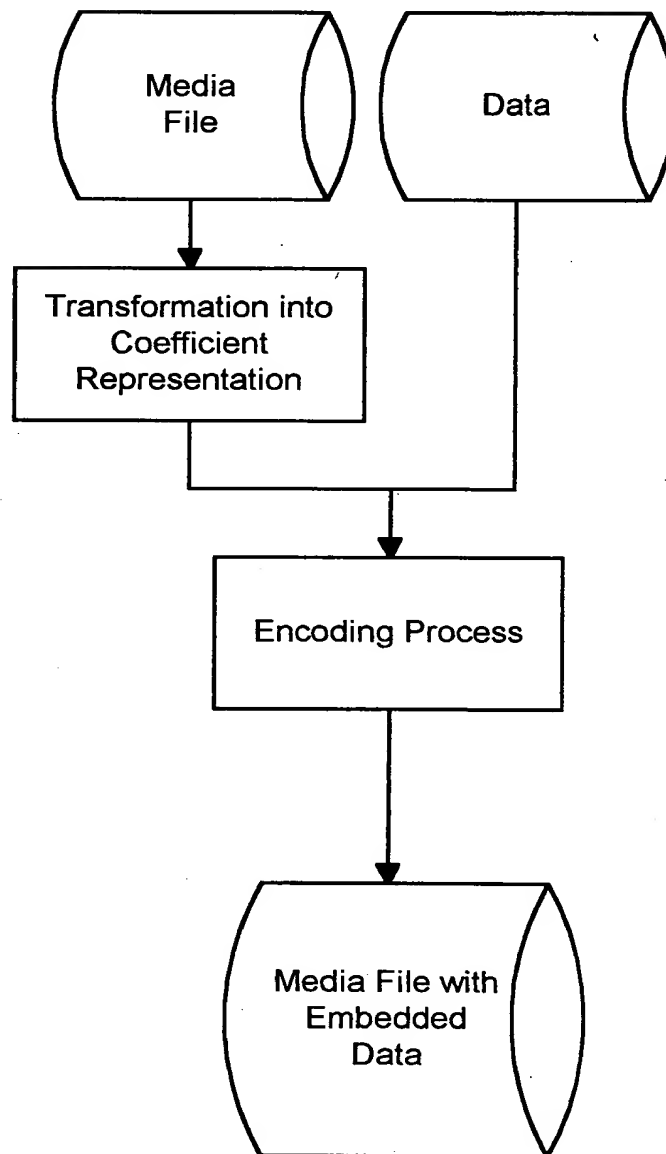


Figure 1

Data Encoding Playback Overview

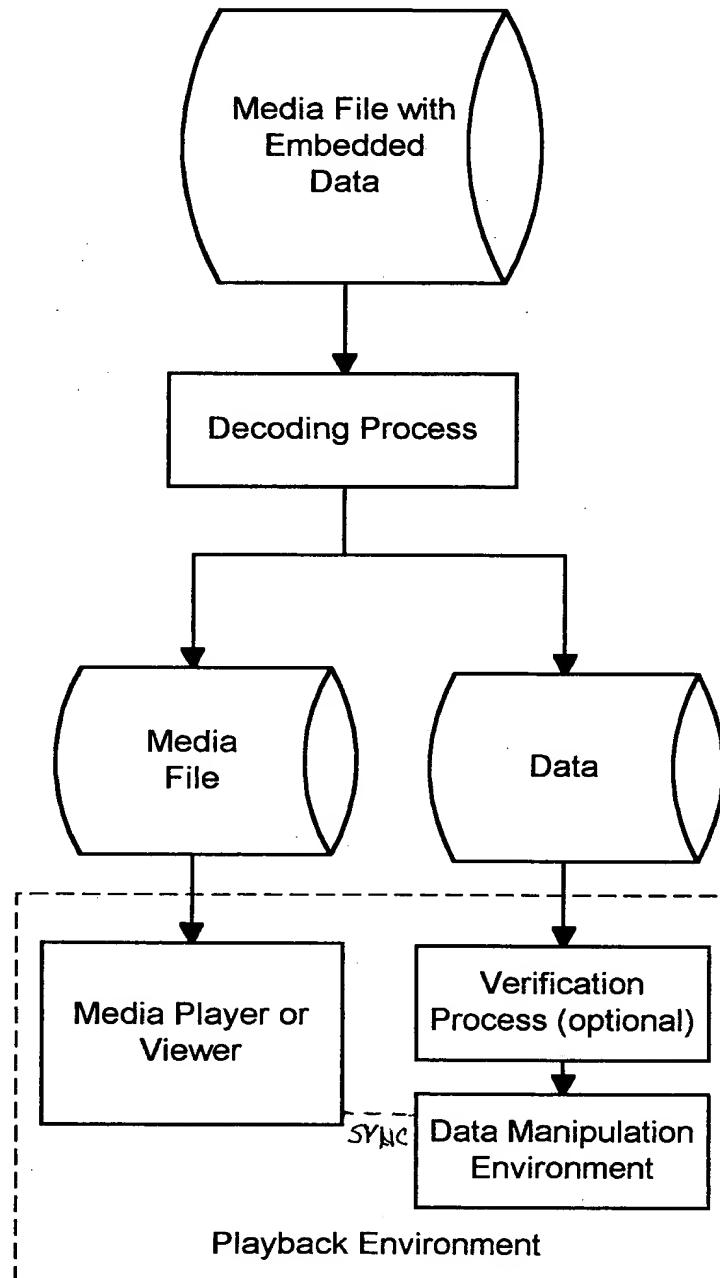


Figure 2

Data Encoding Using Steganographic Techniques

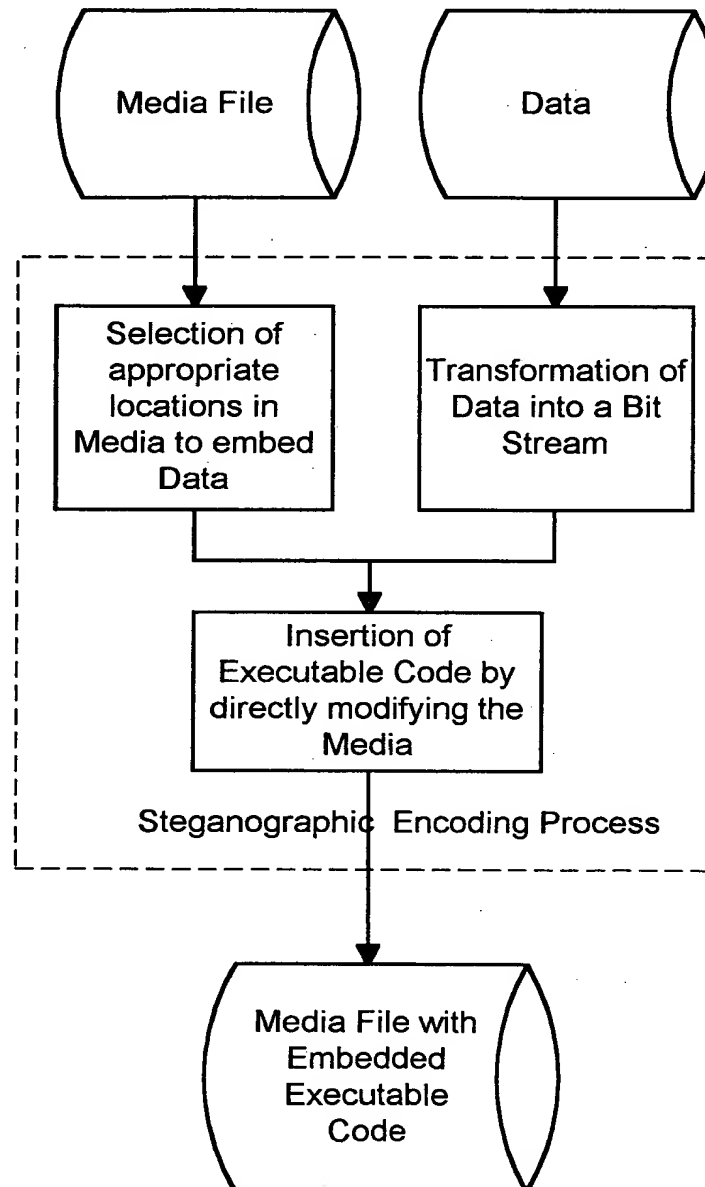


Figure 3

Using Watermarking with Encoding

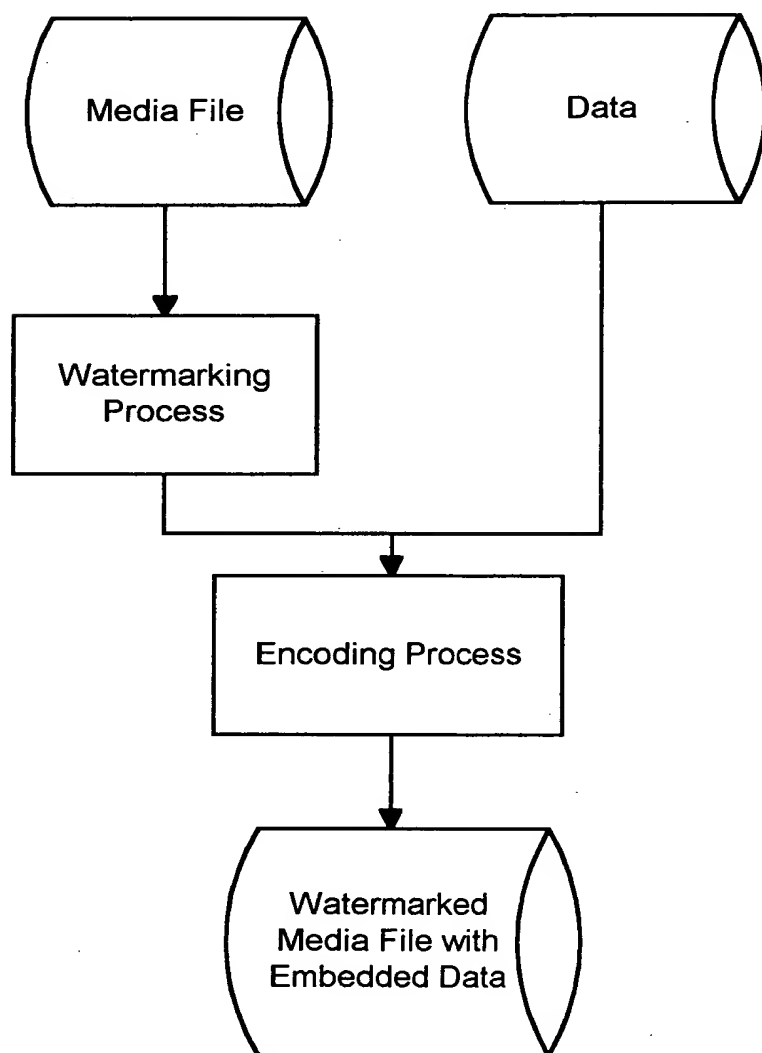
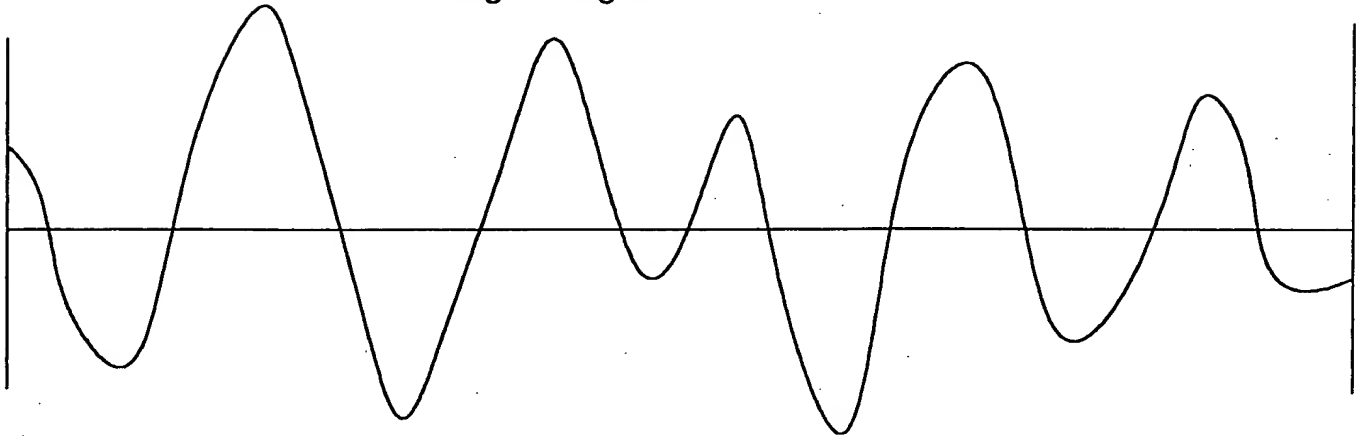


Figure 4

Coefficient-Domain Parity Encoding

Original Signal



Compressed, Co-efficient Based
Representation of Signal (in this case
using a Fourier-based representation)

Frequency	Amplitude	Phase
1000	12	10
1200	15	6
1450	5	12
1600	3	1

Figure 5

Encoding Data in an Audio File

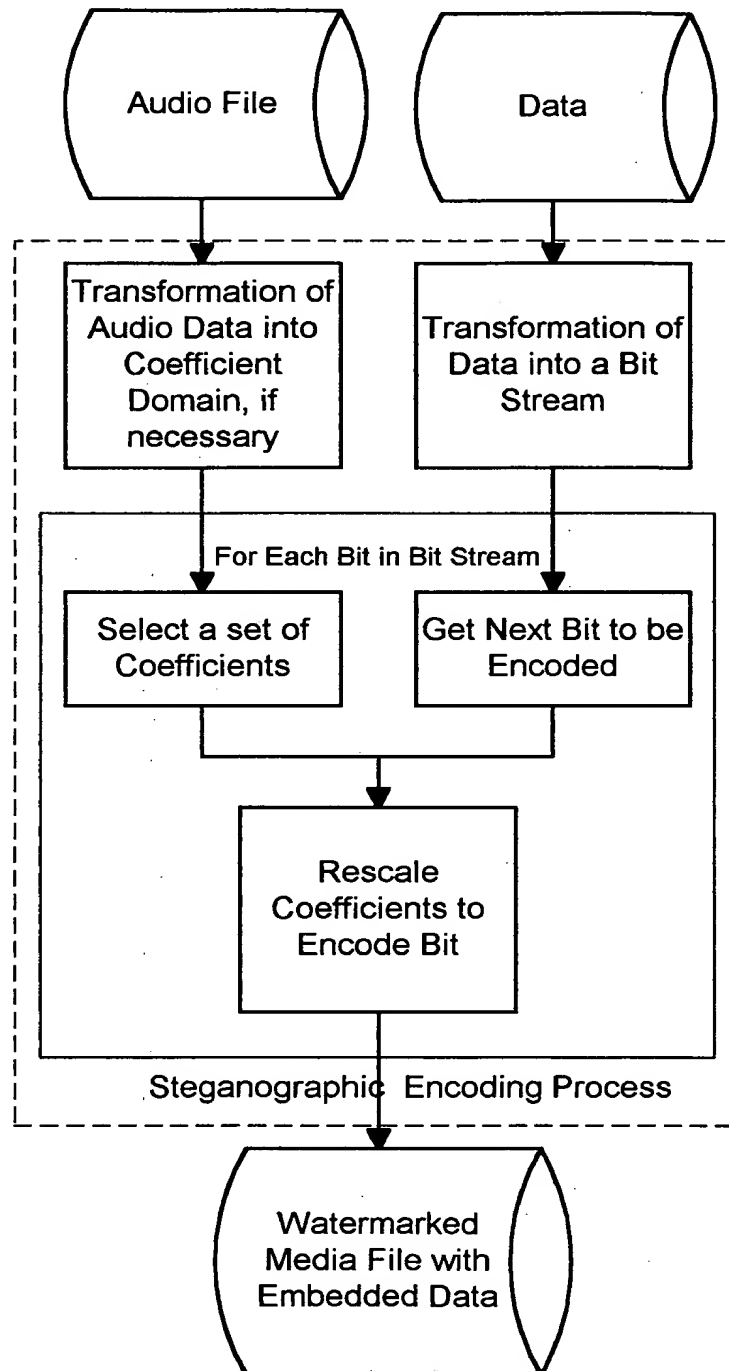


Figure 6

Encoding Data in an Image File

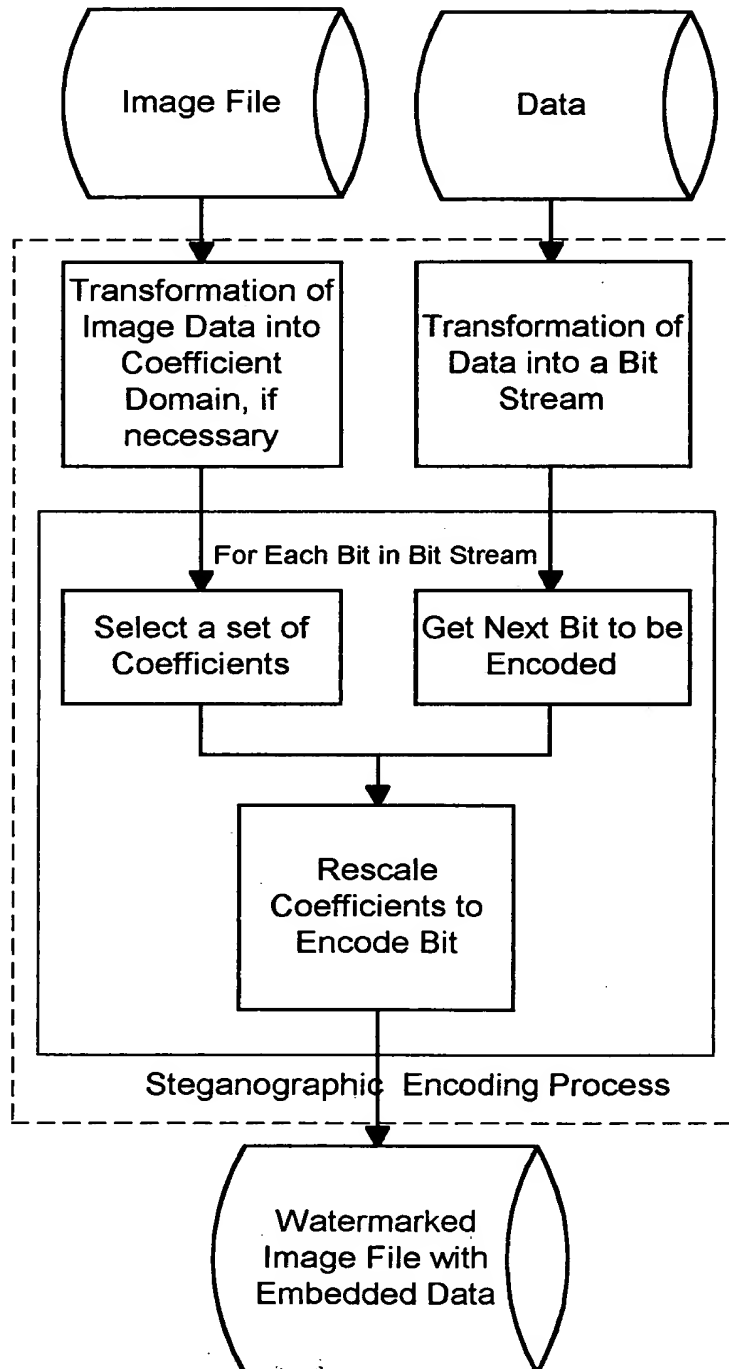


Figure 7

Encoding Data in a Video File

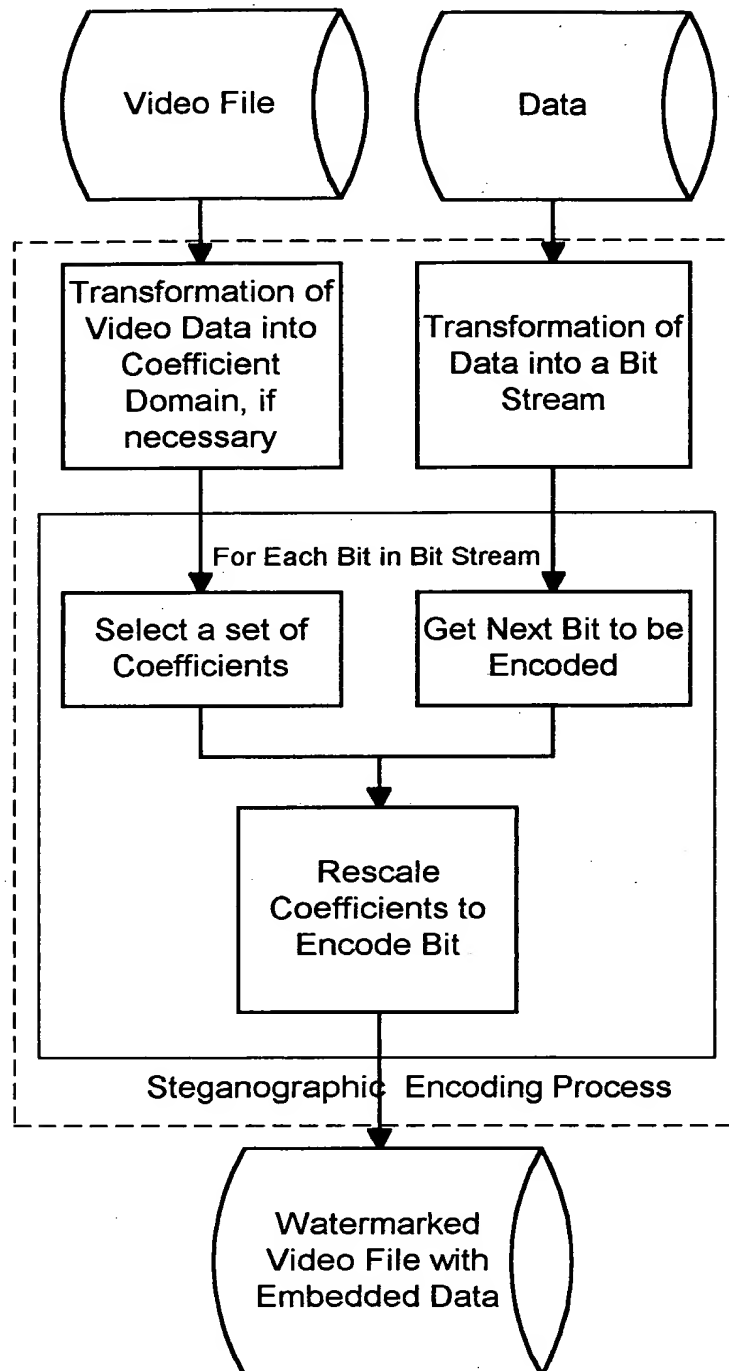


Figure 8

Encoding Data in a 2D or 3D Spline

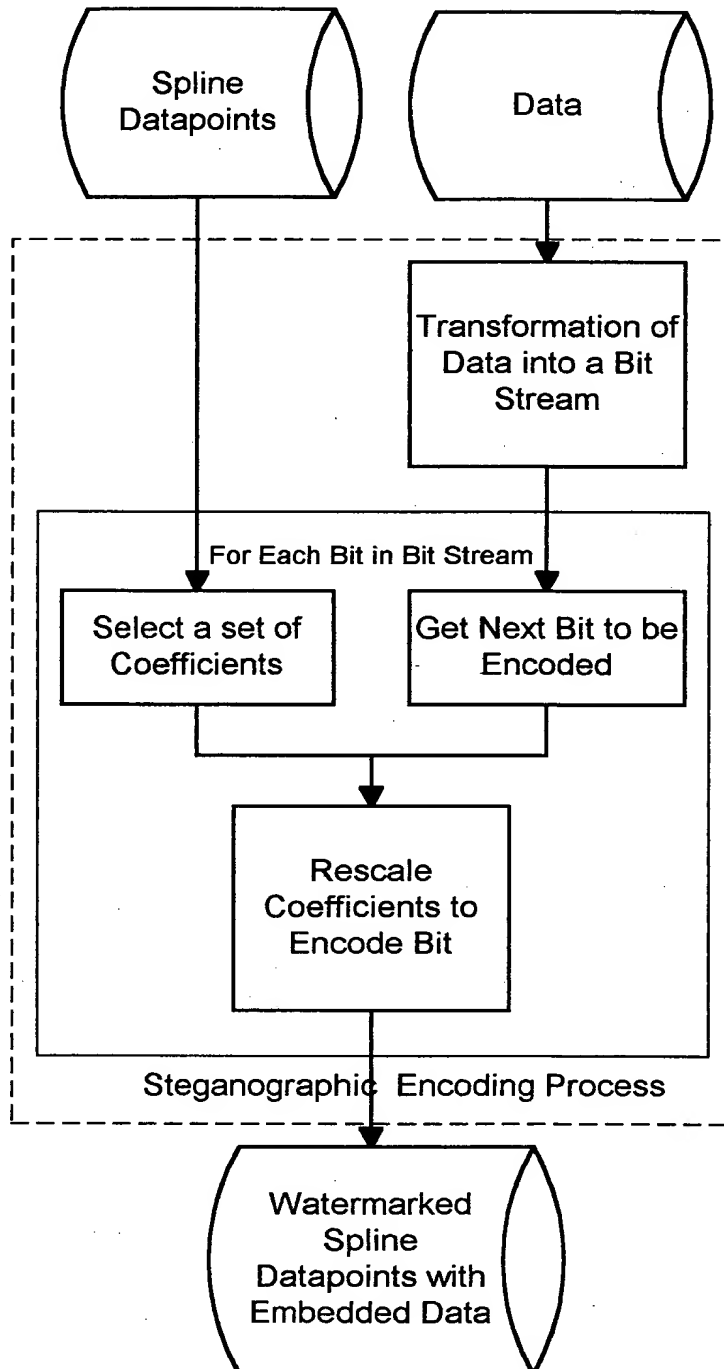


Figure 9

Encoding Data in a Volumetric Data File

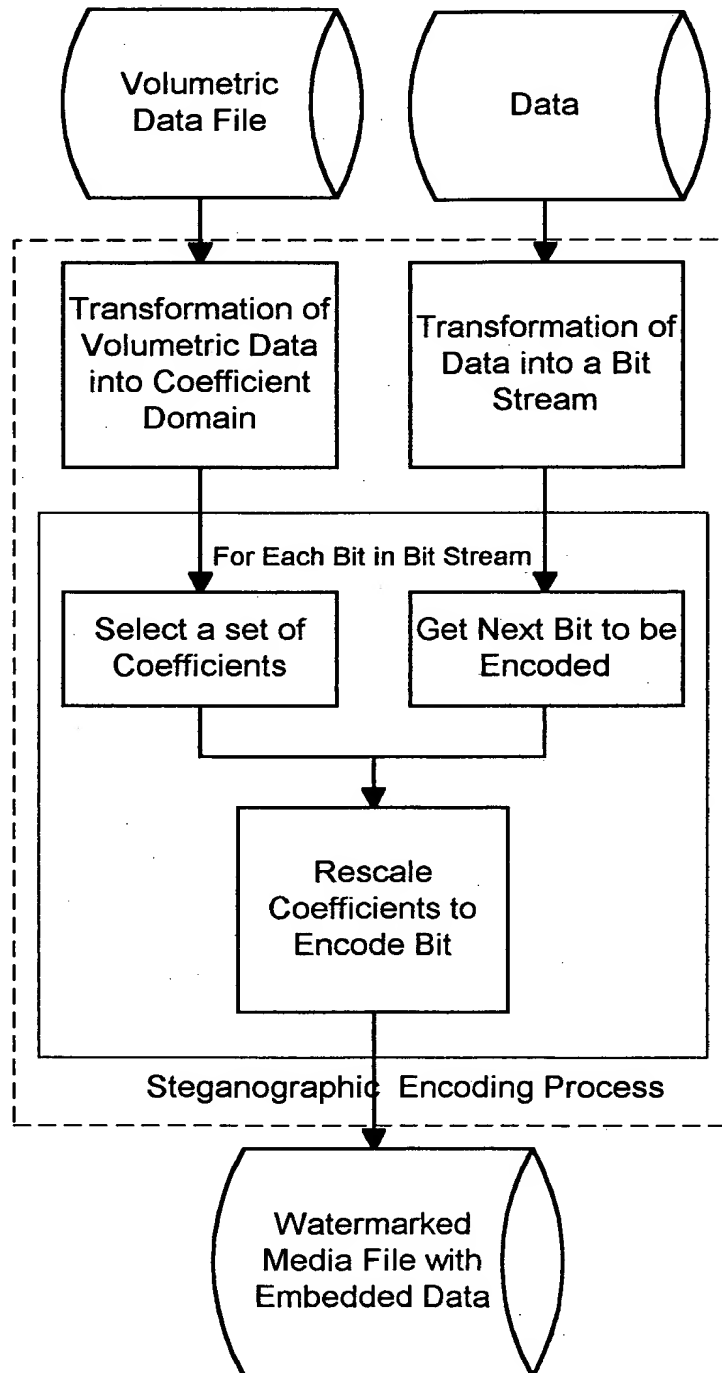


Figure 10